WO 03/087578 PCT/US03/10056

3

## **CLAIMS**

- 1. In a reciprocating piston pump having a pump cylinder, a manifold and a pressure sensor, the improvement comprising said manifold being attached directly to said cylinder thereby minimizing pressure drop and increasing spraying pressure.
- 5 2. The reciprocating piston pump of claim 1 wherein said pressure sensor is attached to said manifold.